

CLAIMS

We Claim:

1. Pliers for installing a bushing within a drive selector linkage assembly of an automobile, comprising:

a first arm having a first handle portion and a holder portion, said holder portion being configured to independently hold a bushing to be installed within a drive selector linkage assembly of an automobile; and

a second arm pivotally mounted to said first arm and having a second handle portion and a gripping portion, said gripping portion configured to apply a force to said bushing suitable to install said bushing within the drive selector linkage assembly of the automobile when said first and second handles of said first and second arms are pivotally operated.

2. The pliers of claim 1, wherein said holder portion is formed as an annulus.

3. The pliers of claim 1, wherein said gripping portion is formed as a planar annulus.

4. The pliers of claim 1, wherein said holder portion has the form of a shaped annulus having sidewalls, thereby defining a recess.

5. The pliers of claim 1, wherein said gripping portion has a gripping surface that has grooves formed therein.

6. The pliers of claim 1, wherein said holder portion is formed as a first annulus and said gripping portion is formed as a second annulus, wherein said first annulus and said second annulus are axially aligned when said pliers are in a closed position.

7. The pliers of claim 1, further comprising a strip attached to said pliers positioned between said first and said second arm, whereby said strip places a force against said first and second arm when said pliers are in a closed position.

8. A pair of pliers, comprising:

a first arm having a first handle portion and a holder portion, said holder portion being configured to independently hold an annular component to be installed within a drive selector linkage assembly of an automobile; and

a second arm pivotally mounted to said first arm between said first handle portion and said holder portion, wherein said second arm having a second handle portion proximal to said first handle portion and a gripping portion proximal to said holder portion, said gripping portion configured to apply a force to said bushing suitable to install said bushing within the drive selector linkage assembly of the automobile when said first and second handles of said first and second arms are pivotally operated, wherein said first and second handle portions enable said pliers to reach the drive selector linkage assembly of the automobile.

9. The pliers of claim 8, wherein said holder portion is formed having side walls, thereby restricting lateral motion of said bushing within said holder portion.
10. The pliers of claim 8, wherein said gripping portion has a gripping surface that has grooves formed therein.
11. The pliers of claim 8, wherein said holder portion is formed as a first annulus and said gripping portion is formed as a second annulus, wherein said first annulus and said second annulus are axially aligned when said pliers are in a closed position.
12. The pliers of claim 8, further comprising a strip attached to said pliers positioned between said first and said second arm, whereby said strip places a force against said first and second arm to pivot said first and second arms into an open position when said pliers are in a closed position.
13. The pliers of claim 8, wherein said holder portion is parallel to said gripping portion when said pliers are in a closed position and when said bushing is held between said holder portion and said gripping portion.
14. A pair of pliers, comprising:
- a first arm having a first handle portion formed at an end and an annular cup formed at an opposite end, said annular cup being configured to independently hold an annular component; and

a second arm pivotally mounted to said first arm between said first handle portion and said annular cup, wherein said second arm having a second handle portion proximal to said first handle portion and a planar annulus proximal to said annular cup, said planar annulus configured to apply a force to said annular component when said first and second handles of said first and second arms are pivotally operated.

15. The pliers of claim 14, wherein said annular cup and said planar annulus are axially aligned when said pliers are in a closed position.

16. The pliers of claim 14, wherein said annular cup is formed having sidewalls, thereby defining a recess, wherein said sidewalls restrict lateral motion of said annular component within said annular cup.

17. The pliers of claim 14, wherein said planar annulus has a gripping surface that has grooves formed therein.

18. The pliers of claim 14, further comprising a strip attached to said pliers positioned between said first and said second arm, whereby said strip places a force against said first and second arm to pivot said first and second arms into an open position when said pliers are in a closed position.

19. The pliers of claim 14, wherein said first and second handles are coated with a high friction material.

20. The pliers of claim 14, wherein said annular cup is parallel to said planar annulus when said pliers are in a closed position and said annular component is held between said annular cup and said planar annulus.

21. Pliers for installing a part within an automobile, comprising:

a first arm having a first handle portion and a holder portion, said holder portion being configured to independently hold a part to be installed within an automobile; and

a second arm pivotally mounted to said first arm and having a second handle portion and a gripping portion, said gripping portion configured to apply a force to said part suitable to install said part within the automobile when said first and second handles of said first and second arms are pivotally operated.